As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inv of the subject matter which is claimed and	entor (if only one name for which a patent is	ne is listed below) or an or sought on the invention	entitled:	r (ii piurai names are listed below)
GENE THERAPY BY ADMINISTRATIO	N OF GENETICALL	Y ENGINEERED CD34+	CELLS OBTAINED FROM	I CORD BLOOD
the specification of which [] is attached her on (if applica	eto or 春春was filed on ble).	April 8, 1994	as Application Serial No $08/$	/225,478 and was amended
I hereby state that I have reviewed and und referred to above.	erstand the contents o	of the above identified spe	cification, including the clair	ns, as amended by any amendment
I acknowledge the duty to disclose inform Regulations, Section 1.56(a).	nation which is materi	ial to the patentability of	this application in accordan	ce with Title 37, Code of Federal
I hereby claim foreign priority benefits und- below and have also identified below any f priority is claimed. Prior Foreign Applica	oreign application for	tes Code, Section 119 of a patent or inventor's certif	ny foreign application(s) for p ficate having a filing date befo	ore that of the application on which
priority is classical trial to the priority is	•			<u>Priority Claimed</u> Yes No
NONE	(Country)	(Day/M	Ionth/Year Filed)	
United States Code, Section 112, I acknowled which occurred between the filing date of NONE	the prior application	and the national or PCT	international filing date of the	his application:
I hereby appoint the following attorney(s) connected therewith: John N. Bain (Reg. (Reg. No. 31,778); Charles J. Herron (Reg (Reg. No. 36,134). Address corresponde Becker Farm Road, Roseland, NJ 07068	No. 18,651); John G. . No. 28,019); Willian nce and telephone call	Gilfillan, III (Reg. No. 2 m Squire (Reg. No. 25,378	22,746); Elliot M. Olstein (Re 8); Kenneth S. Weitzman (Re	eg. No. 24,025); Raymond J. Lillie g No. 36,306); and Gregory Ferrard
I hereby declare that all statements made true; and further that these statements wimprisonment, or both, under Section 100 application or any patent issued thereon.  Full name of sole or first inventor. Dona Inventor's signature:	ere made with the king of Title 18 of the U	nowledge that willful fal nited States Code and tha	se statements and the like a	so made are punishable by fine on a may jeopardize the validity of the
Residence: 4256 Jubilo Drive, Tarzana,	California 91356	Citizenship: U.S.A.	,	·
Full name of second joint inventor: R. M	ichael Blaesc	Date:		
Inventor's signature:  Residence: 1986 Lancashire Drive, Rock Post Office Address: same	ville, Md. 20854	Citizenship:		
Full name of third joint inventor: Craig A	A. Mullen	Date	:	
Residence: 4858 Battery Lane, #306, Bet Post Office Address: same	hesda, Md+ 20814	Citizenship:	: U.S.A.	
Full name of fourth joint inventor: Rober	t C. Moen			

Date:

Residence: 555 West Middlefield Road, Apt. N-104, Mountain View. Ca. 94043 Citzenship: U.S.A.

Post Office Address: same Docket No. 271010-211

Inventors Signature:\_

As a below named inventor, I hereby declar

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

GENE THERAPY BY ADMINIS	STRATION OF GENETICALLY ENG	INEERED CD34 CELLS OBTA	MINED PROMICORD BEOC	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	is attached hereto or [X] was filed of applicable).	on April 8, 1994 as Application	Serial No. 08/255,478 and	d was amended on
I hereby state that I have reviewe referred to above.	ed and understand the contents of the ab	pove identified specification, inclu	ding the claims, as amended	l by any amendment
I acknowledge the duty to disclo Regulations, Section 1.56(a).	ose information which is material to the	ne patentability of this application	in accordance with Title 3	7, Code of Federal
I hereby claim foreign priority ber below and have also identified be priority is claimed. Prior Foreig	nefits under Title 35, United States Code clow any foreign application for patent or on Application(s):	e, Section 119 of any foreign appli or inventor's certificate having a f	cation(s) for patent or inventous date before that of the $\epsilon$	or's certificate listed application on which
priority to craminos. 11101 1 0101	,			Priority Claimed
NONE			<del></del>	Yes No
(Number)	(Country)	(Day/Month/Year File	1)	
of each of the claims of this app. United States Code, Section 112,	Fitle 35, United States Code, Section 12 lication is not disclosed in the prior Ur I acknowledge the duty to disclose materns date of the prior application and the	nited States application in the mar rial information as defined in Title	nner provided by the first pa 37, Code of Federal Regulati	ragraph of Title 35, ions, Section 1.56(a)
NONE				
(Application Serial No.)	(Filing Date)		(Status - patented, p	ending, abandoned)
(Reg. No. 36, 134). and Gloria H. (Reg. No. 25,588); Laurence J. I. No. 34,477); Ann S. Hobbs (Re Address correspondence to Rayn (201) 994-1700.  I hereby declare that all statement rue; and further that these statimprisonment, or both, under Se application or any patent issued		Benson (reg. No. 33,612); Denise cker (Reg. No. 35,762); David R. chnology Transfer, National Instit Gilfillan, Cecchi, Stewart & Olst are true and that all statements may that willful false statements a	C. Bernstein (Reg. No. 35,78 Sadowski (Reg. No. 32,808) tute of Health, Box OTT, Be ein, 6 Becker Farm Road, R ade on information and belie nd the like so made are pu	87); James C. Haight ); Jack Speigel (Reg. ethesda, MD 20892. coseland, NJ 07068 - ef are believed to be unishable by fine or
Full name of sole or first invent	or: Donald B. Kohn	_		
Inventor's signature:	C-1161-01256	Citizenship: U.S.A.		
Residence: 4256 Jubilo Drive, 7 Post Office Address: same		Citizenship. 0.5.A.		
	200			
Full name of second joint invent	tor R. Michael Haese		9/2/01	
Inventor's signature:	the feeting of	Citizenship: U.S.A.	9/25/94	
Residence: 1986 Lancashire Dri Post Office Address: same	ive, Rockville, Md. 20854	Citizenship: U.S.A.		
Post Office Address. same	, 0			
Full name of third joint inventor	r: Craig A. Mullen			
Inventor's signature:				
Residence: 35 Penny Green Stre	et, Sugar Land, Texas 77479	Citizenship: U.S.A.		
Post Office Address: same				
Full name of fourth joint invent	or: Robert C. Moen			
Inventor's Signature:		Date:		
	d Road, Apt. N-104, Mountain View,	Ca. 94043 Citizenship: U.S.A.		
Post Office Address: same				
Docket No. <u>271010-211</u>				

C:\CFM\RJL076

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GENE THERAPY BY ADMINIST	RATION OF GENETICALLY EN	NGINEERED CD34+ CELLS OBTAINED FROM CO	ORD BLOOD
	attached hereto or [X] was filed blicable).	d on April 8, 1994 as Application Serial No. 08/2	255,478 and was amended on
I hereby state that I have reviewed referred to above.	and understand the contents of the	above identified specification, including the claims,	as amended by any amendment
I acknowledge the duty to disclose Regulations, Section 1.56(a).	information which is material to	the patentability of this application in accordance v	vith Title 37, Code of Federal
	w any foreign application for pater	ode, Section 119 of any foreign application(s) for pater nt or inventor's certificate having a filing date before t	
	.,		Priority Claimed
NONE(Number)	(Country)	(Day/Month/Year Filed)	Yes No □ □
(ivamour)	(County)	(25)/11011111 Tell Tilos)	
which occurred between the filing NONE	date of the prior application and	aterial information as defined in Title 37, Code of Feder the national or PCT international filing date of this a	pplication:
(Application Serial No.)	(Filing Dat	te) (Status - )	patented, pending, abandoned)
(Reg. No. 36,134). and Gloria H. R (Reg. No. 25,588); Laurence J. Hyr No. 34,477); Ann S. Hobbs (Reg. Address correspondence to Raymon (201) 994-1700. I hereby declare that all statements true; and further that these statem	ichmond (Reg. No. 30,416); Rober man (Reg. No. 35,551); Susan S. F. No. 36,830) all of the Office of T and J. Lillie c/o Carella, Byrne, Bai made herein of my own knowledgents were made with the knowled on 1001 of Title 18 of the United	tire (Reg. No. 25,378); Kenneth S. Weitzman (Reg Nort Benson (reg. No. 33,612); Denise C. Bernstein (Reg Rucker (Reg. No. 35,762); David R. Sadowski (Reg. Northology Transfer, National Institute of Health, Boin, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Far ge are true and that all statements made on informational edge that willful false statements and the like so must be code and that such willful false statements made.	. No. 35,787); James C. Haight lo. 32,808); Jack Speigel (Reg. ex OTT, Bethesda, MD 20892. m Road, Roseland, NJ 07068 - on and belief are believed to be lade are punishable by fine or
Full name of sole or first inventor:	Donald B. Kohn		
Inventor's signature:		Date:	_
Residence: 4256 Jubilo Drive, Tar	zana, California 91356	Citizenship: U.S.A.	
Post Office Address: same  Full name of second joint inventor Inventor's signature:		Date:	_
Residence: 1986 Lancashire Drive,	, Rockville, Md. 20854	Citizenship: U.S.A.	
Post Office Address: same	טע		
Full name of third joint inventor: (Inventor's signature:	Craig A. Mullen	Date: 9-28-94	
Residence: 35 Penny Green Street,	Sugar Land, Texas 77479	Citizenship: U.S.A.	<del>-</del>
Post Office Address: same	TX		
Full name of fourth joint inventor:	Robert C. Moen		
Inventor's Signature:		Date:	<del></del>
Residence: 555 West Middlefield I	Road, Apt. N-104, Mountain View	w, Ca. 94043 Citizenship: U.S.A.	
Post Office Address: same Docket No. 271010-211			

C:\CFM\RJL076



As a below named inventor, I hereby declare that:

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of the subject matter which is claimed and for which	h a patent is sought on the	invention entities:			
GENE THERAPY BY ADMINISTRATION OF GEI	NETICALLY ENGINEERI	ED CD34+ CELLS OBTAIN	ED FROM CORD BLOOD	)	
the specification of which [] is attached hereto or [X] von (if applicable).	was filed on <u>April 8.</u>	1994 as Application Seri	al No. <u>08/225,478</u>	and was an	nended
I hereby state that I have reviewed and understand the referred to above.	e contents of the above ide	ntified specification, includin	g the claims, as amended b	y any amer	ndment
I acknowledge the duty to disclose information whi Regulations, Section 1.56(a).	ich is material to the paten	tability of this application in	accordance with Title 37.	, Code of I	Federal
I hereby claim foreign priority benefits under Title 35 below and have also identified below any foreign app	, United States Code, Section of Section for patent or inven	on 119 of any foreign applicati tor's certificate having a filing	on(s) for patent or inventor g date before that of the ap	's certificat plication on	te listed 1 which
priority is claimed. Prior Foreign Application(s):		,		Priority C	Claimed
NONE	· · · · · · · · · · · · · · · · · · ·			Yes	No
(Number) (Count	try)	(Day/Month/Year Filed)			
NONE(Application Serial No.)	(Filing Date)		(Status - patented, per	nding, aban	ndoned)
I hereby appoint the following attorney(s) and/or as connected therewith: John N. Bain (Reg. No. 18,65 (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,0 (Reg. No. 36,134). Address correspondence and te Becker Farm Road, Roseland, NJ 07068 - (201) 99.	il); John G. Gilfillan, III (I 19); William Squire (Reg. I lephone calls to Raymond	Reg. No. 22,746); Elliot M. C No. 25,378); Kenneth S. Weit	listein (Reg. No. 24,025); zman (Reg No. 36,306); an	d Gregory	Ferraro
I hereby declare that all statements made herein of r true; and further that these statements were made imprisonment, or both, under Section 1001 of Title application or any patent issued thereon.	with the knowledge that	willful false statements and	the like so made are pun	ishable by	tine of
Full name of sole or first inventor: Donald B. Kohi	n				
Inventor's signature:		Date:			
Residence: 4256 Jubilo Drive, Tarzana, California Post Office Address: same	91356 Citizenship	5: U.S.A.			
Full name of second joint inventor: R. Michael Bla	esc				
Inventor's signature:	20954	Date:itizenship: U.S.A.			
Post Office Address: same	20834	mzenamp. O.o.A.			
Full name of third joint inventor: Craig A. Mullen		<b>.</b>			
Inventor's signature:	20014	Date: itizenship: U.S.A.			
Residence: 4858 Battery Lane, #306, Bethesda, Md Post Office Address: same	1,20014 C	mzensnip. O.S.A.			
Full name of fourth joint inventor: Robert C. Moer	, <i>'</i> .	./			
Inventors Signature:	The CA	Date: Sept 1,	994		

Mountain View. Ca. 94045 Citzenship: U.S.A.

Post Office Address: same Docket No. 271010-211

Residence: 1600 Villa Street